

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/028617

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09J7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C09J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 077 242 A (BEIERSDORF AG) 21 February 2001 (2001-02-21) claim 1 figure IX examples V.03-PSA-2	1-6
X	EP 0 696 628 A (BEIERSDORF AG) 14 February 1996 (1996-02-14) claims 1,2	1-6
X	US 4 647 485 A (NELSON ROY E) 3 March 1987 (1987-03-03) figures column 2, line 18 - line 49	1-6
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

21/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05, 30 May 1997 (1997-05-30) & JP 09 025460 A (YAMAMOTO KOGYOSHO:KK), 28 January 1997 (1997-01-28) abstract</p> <p>-----</p>	1-6

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/028617

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1077242	A	21-02-2001	DE 19938693 A1	22-02-2001
			DE 50005863 D1	06-05-2004
			EP 1077242 A2	21-02-2001
			ES 2216781 T3	01-11-2004
			JP 2001089726 A	03-04-2001
			US 6680096 B1	20-01-2004
EP 0696628	A	14-02-1996	DE 4428587 A1	15-02-1996
			AT 179743 T	15-05-1999
			DE 59505824 D1	10-06-1999
			EP 0696628 A2	14-02-1996
			ES 2132471 T3	16-08-1999
			JP 3572122 B2	29-09-2004
			JP 8081659 A	26-03-1996
			US 5626931 A	06-05-1997
US 4647485	A	03-03-1987	NONE	
JP 09025460	A	28-01-1997	NONE	